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What is claimed is:

1. An image-processing method comprising the steps of:

reconstructing an image which has a resolution differing from a reference-resolution, based on an image signal subjected to a multiple-resolution transformation process; and

calculating an image-processing parameter, based on a reference-processing parameter employed in performing a predetermined image-processing process on a reference-resolution image having said reference resolution, said image-processing parameter being employed in performing said predetermined image-processing process on the reconstructed image and causing the image characteristics of said reconstructed image subjected to said predetermined image-processing process to be substantially the same as the image characteristics of said reference-resolution image subjected to said predetermined image-processing process.

2. The image-processing method as set forth in claim 1, wherein said image signal is subjected to said multiple-resolution transformation process so that the resolution of each image is 2^k (where k is an integer) times that of said reference-resolution, and the image-size of each image is 2^k times the image-size of said reference-resolution image; and

said reconstructed image is an image having a resolution which does not fall within the 2^k times range of said reference-resolution.

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3. The image-processing method as set forth in claim

1, wherein said reconstructed image subjected to said

predetermined image-processing process is further converted to

an image having a desired image-size.

- 4. The image-processing method as set forth in claim 2, wherein said reconstructed image subjected to said predetermined image-processing process is further converted to an image having a desired image-size.
- 5. The image-processing method as set forth in claim 2, wherein said reconstructing is performed so that the image-size of said reconstructed image is 2^{2k} times the image-size of said reference-resolution image, close to the image-size of an image which is to be reproduced and output as a visible image; and

an image subjected to said predetermined imageprocessing process is further subjected to a zoom process so
that it becomes equal in size to the image-size of said output
image.

- The image-processing method as set forth in claim
 wherein said reference-processing parameter is stored in correlation with said image signal.
- 7. The image-processing method as set forth in claim 2, wherein said reference-processing parameter is stored in correlation with said image signal.
- The image-processing method as set forth in claim
 wherein said reference-processing parameter is stored in

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correlation with said image signal.

- 9. The image-processing method as set forth in claim 5, wherein said reference-processing parameter is stored in correlation with said image signal.
- 10. The image-processing method as set forth in claim

 1, wherein said image-processing parameter is calculated based

 on the characteristic of said multiple-resolution

 transformation process.
- 11. The image-processing method as set forth in claim 2, wherein said image-processing parameter is calculated based on the characteristic of said multiple-resolution transformation process.
- 12. The image-processing method as set forth in claim 3, wherein said image-processing parameter is calculated based on the characteristic of said multiple-resolution transformation process.
- 13. The image-processing method as set forth in claim 5, wherein said image-processing parameter is calculated based on the characteristic of said multiple-resolution transformation process.
- 14. The image-processing method as set forth in claim 6, wherein said image-processing parameter is calculated based on the characteristic of said multiple-resolution transformation process.
- 15. An image-processing system comprising:
 reconstruction means for reconstructing an image

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which has a resolution differing from the reference-resolution, based on an image signal subjected to a multiple-resolution transformation process;

image-processing means for performing a
predetermined image-processing process on the reconstructed
image; and

parameter-setting means for deriving an imageprocessing parameter, based on a reference-processing parameter
employed in performing a predetermined image-processing process
on a reference-resolution image having said referenceresolution, and setting the derived image-processing parameter
to said image-processing means, said image-processing parameter
being employed in performing said predetermined imageprocessing process on said reconstructed image and causing the
image characteristics of said reconstructed image subjected to
said predetermined image-processing process to be substantially
the same as the image characteristics of said referenceresolution image subjected to said predetermined imageprocessing process, approximately the same.

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16. The image-processing system as set forth in claim 15, wherein said image signal is subjected to said multiple-resolution transformation process so that the resolution of each image is 2^k (where k is an integer) times that of said reference-resolution and an image-size of each image is 2^k times that of the image-size of said reference-resolution image; and

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said reconstruction means obtains said reconstructed image having a resolution not falling within the 2^k times range of said reference-resolution.

- 17. The image-processing system as set forth in claim 15, further comprising zoom-processing means for further converting said reconstructed image subjected to said predetermined image-processing process, to an image having a desired image-size.
- 18. The image-processing system as set forth in claim
 16, further comprising zoom-processing means for further
 converting said reconstructed image subjected to said
 predetermined image-processing process, to an image having a
 desired image-size.
- 19. The image-processing system as set forth in claim 16, wherein said reconstruction means reconstructs an image so that the image-size of said image is 2^{2k} times the image-size of said reference-resolution image, close to the image-size of an image which is reproduced and output as a visible image; and

zoom-processing means is further provided for performing a zoom process on an image subjected to said predetermined image-processing, so that it becomes equal in size to the image-size of said output image.

20. The image-processing system as set forth in claim 15, wherein said parameter-setting means derives said image-processing parameter, based on the characteristic of said multiple-resolution transformation process.

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- 21. The image-processing system as set forth in claim 16, wherein said parameter-setting means derives said image-processing parameter, based on the characteristic of said multiple-resolution transformation process.
- 22. The image-processing system as set forth in claim 17, wherein said parameter-setting means derives said image-processing parameter, based on the characteristic of said multiple-resolution transformation process.
- 23. The image-processing system as set forth in claim 19, wherein said parameter-setting means derives said image-processing parameter, based on the characteristic of said multiple-resolution transformation process.
- 24. A computer readable storage medium recording a program to be executed by a computer, said program comprising:
- a procedure for reconstructing an image having a resolution differing from the reference-resolution, based on an image signal subjected to a multiple-resolution transformation process;
- a procedure for calculating an image-processing parameter, based on a reference-processing parameter employed in performing a predetermined image-processing process on a reference-resolution image having said reference-resolution, said image-processing parameter being employed in performing said predetermined image-processing on said reconstructed image and causing the image characteristics of said reconstructed image subjected to said predetermined image-processing to be

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substantially the same as the image characteristics of said reference-resolution image subjected to said predetermined image-processing; and

a procedure for performing said predetermined image-processing process on said reconstructed image by use of said image-processing parameter.

25. The storage medium as set forth in claim 24, wherein said image signal is subjected to said multiple-resolution transformation process so that the resolution of each image is 2^k (where k is an integer) times that of said reference-resolution, and the image-size of each image is 2^{2k} times that of the image-size of said reference-resolution image; and

said reconstructing procedure is a procedure for obtaining said reconstructed image having a resolution not falling within the 2^k times range of said reference-resolution.

- 26. The storage medium as set forth in claim 24 further comprising a procedure of further converting said reconstructed image subjected to said predetermined image-processing process, to an image having a desired image-size.
- 27. The storage medium as set forth in claim 25 further comprising a procedure of further converting said reconstructed image subjected to said predetermined image-processing, to an image having a desired image-size.
- 28. The storage medium as set forth in claim 24, wherein said reconstructing means is a procedure of

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reconstructing an image so that the image-size of said image is 2^{2k} times the image-size of said reference-resolution image, close to the image-size of an image to be reproduced and output as a visible image; and

a zooming procedure is further provided for performing a zoom process on an image subjected to said predetermined image-processing, so that it becomes equal in size to the image-size of said output image.

- 29. The storage medium as set forth in claim 24, wherein said parameter calculating procedure is a procedure of calculating said image-processing parameter, based on the characteristic of said multiple-resolution transformation process.
- 30. The storage medium as set forth in claim 25, wherein said parameter calculating procedure is a procedure of calculating said image-processing parameter, based on the characteristic of said multiple-resolution transformation process.
- 31. The storage medium as set forth in claim 26, wherein said parameter calculating procedure is a procedure of calculating said image-processing parameter, based on the characteristic of said multiple-resolution transformation process.
- 32. The storage medium as set forth in claim 28, wherein said parameter calculating procedure is a procedure of calculating said image-processing parameter, based on the

characteristic of said multiple-resolution transformation process.